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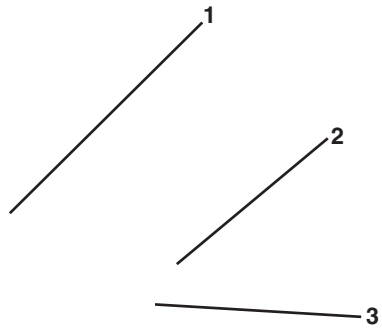


Using the printer control panel

Indicator light color and its corresponding printer status

Indicator light





1	Internal Solutions Port or printer hard disk connector
2	Option card connector
3	Memory card connector

5 Align the screws with the holes on the controller board shield, and then reattach the controller board shield.

6 Tighten the screws on the controller board shield.

An optional memory card can be purchased separately and attached to the controller board.

1 Access the controller board.

For more information, see “Accessing the controller board” on page 14.

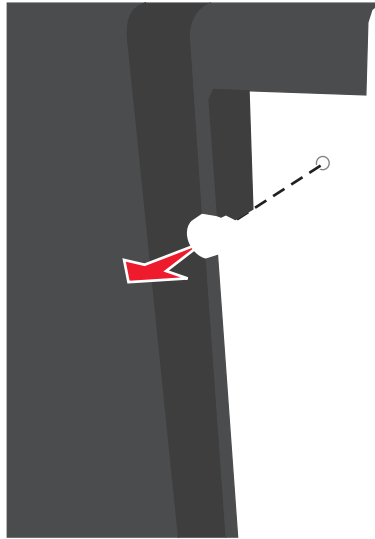
2 Unpack the memory card.

Warning—Potential Damage: Do not touch the connection points along the edge of the card. Doing so may cause damage.

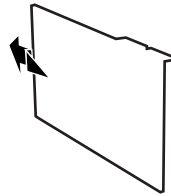
3 Align the notch (1) on the memory card with the ridge (2) on the connector.

Installing an Internal Solutions Port

- 4 Remove the metal cover from the ISP opening.
 - a Loosen the screw.



6 Install the ISP on the plastic bracket.



Note: Hold the ISP at an angle over the plastic bracket so that any overhanging connectors will pass through the ISP opening in the controller board cage.

7 Lower the ISP toward the plastic bracket until the ISP is seated between the guides of the plastic bracket.

Installing a printer hard disk

Note: This task requires a flathead screwdriver.

To install a printer hard disk onto the ISP:

a

1

b Use the two provided screws to attach the printer hard disk mounting bracket.



Removing a printer hard disk

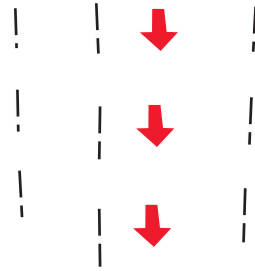
Note:

3 Remove the screws holding the printer hard disk in place.



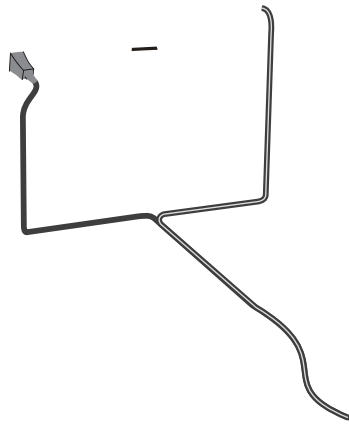
Install the printer and any hardware options you have purchased in the following order:

6 Align the printer with the tray, and then slowly lower the printer into place.



7 Turn the printer back on.

Note:



Networking

Notes:

For Macintosh users

1 Allow the network DHCP server to assign an IP address to the printer.

2 Obtain the printer IP address either:

From the printer control panel

From the TCP/IP section in the Network/Ports menu

By printing a test page. For more information, see the printer's user manual. **Note:** The printer's IP address is 192.168.1.100.


For Macintosh users

1

Printing a network setup page

If the printer is attached to a network, then print a network setup page to verify the network connection. This page also provides important information that aids network printing configuration.

- 1 From the printer control panel, navigate to:

 > **Setting**

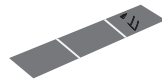
Loading paper and specialty media

The selection and handling of paper and specialty media can affect how reliably documents print. For more information, see “Avoiding jams” on page 152 and “Storing paper” on page 67.

Setting the paper size and type

1





c Remove the A5 length guide from its holder.

1

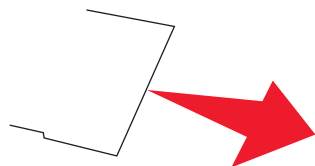
b

Without an optional staple finisher

With an optional staple finisher



2 Pull the multipurpose feeder extender.



Load envelopes with the flap side down and on the left of the multipurpose feeder.

Linking and unlinking trays



Curl

Curl is the tendency for paper to curl at its edges. Excessive curl can cause paper feeding problems. Curl can occur after

Selecting preprinted forms and letterhead

- 2 Be selective about the origin of wood fiber. Buy from suppliers who carry certifications such as the Forestry Stewardship Council (FSC) or The Program for the Endorsement of Forest Certification (PEFC). These certifications guarantee that the paper manufacturer uses wood pulp from forestry operators that employ environmentally and socially responsible forest management and restoration practices.
- 3 Choose the most appropriate paper for printing needs: normal 75 or 80 g/m² certified paper, lower weight paper, or recycled paper.

Unacceptable paper examples

Test results indicate that the following paper types are at risk for use with laser printers:

Chemically treated papers used to make copies without carbon paper, also known as *carbonless papers*

Preprinted papers with chemicals that may contaminate the printer

Preprinted papers that can be affected by the temperature in the printer fuser

Preprinted papers that require a registration (the precise location on the page) greater than ± 2.3 mm (± 0.9 in.), such as optical character recognition (OCR) forms. In some cases, registration tolerances may be as tight as ± 0.1 mm (± 0.004 in.).

Paper type

550 sheet tray

2100

Paper type

Paper weight

4 bin mailbox


High capacity
output expander

Using the printer control panel

- 1 From the printer control panel, navigate to:



2 From the printer control panel, select the document you want to print.

3 Press the left or right arrow button to specify the number of copies for printing, and then press 

Printing confidential and other held jobs

Note:

Printing information pages

For more information on printing information pages, see "Printing a menu settings page" on page 42 and "Printing a



Paper Size/Type menu

Use



Use

Use	To
Profiles List	<p>Print a list of profiles stored in the printer.</p> <p>Note: This menu item appears only when LDSS is enabled.</p>
Print Fonts PCL Fonts PostScript Fonts	<p>Print a report of all the fonts available for the printer language currently set in the printer.</p> <p>Note: A separate list is available for PCL and PostScript emulations.</p>
Print Directory	<p>Print a list of all the resources stored in an optional flash memory card or printer hard disk.</p> <p>Notes:</p> <ul style="list-style-type: none"> Job Buffer Size must be set to 100%. Make sure the optional flash memory or printer hard disk is installed correctly and working properly. This menu item appears only when an optional flash drive or printer hard disk is installed.
Asset Report	<p>Print a report containing information about the printer's internal components.</p>

Use

To

PS SmartSwitch

Set the printer to automatically switch to PS emulation when a print job requires it,

On

Off

Use

To

Use	To
Backup DNS Server Address	View or change the backup DNS server addresses.
Backup DNS Server Address 2	
Backup DNS Server Address 3	
Enable HTTPS	View or change the current HTTPS setting.
Yes	
No	

Use

To

Wi

Use

To

USB Buffer

Disabled

Auto

3K to [maximum size allowed]

Set the size of the USB input buffer.

Notes:

Use

Use

To

Advanced Status

On

Off

Enable bidirectional communication through the parallel port.

Notes:

On is the factory default setting.

Off disables parallel port negotiation.

Protocol

Standard

Fastbytes

Use

To

Job Buffering

Off

On

Auto

Tem(u)218.pJarJl(J)-3(y)-i-21.5(r)J14.e (-23i).prJn-23i8.obs-23i-23iin hardJ(Us)418.k bef2-3(r)Je-23i

Use

Use

To

Device Initiated E

Use

Settings menu

General Settings

General Settings menu

Use	To
Display Language English Francais Deutsch Italiano Espanol Dansk Norsk Nedero Svenska Portuguese Suomi Russian Polski Greek Magyar Turkce Cesky Simplified Chinese Traditional Chinese Korean Japanese	Set the language of the text that appears on the printer display. Note: Not all languages are available for all printer models.
Show Supply Estimates Show estimates Do not show estimates	Get an estimate on the status of supplies. Notes: “Show estimates” shows the estimated supply status in pages on the printer control panel, Embedded Web Server, menu settings, and the device statistics reports. “Do not show estimates” hides the estimated supply status in any location.

Use

To

Home screen customization

Eco-Settings

Showroom

Change Background

Change the icons and buttons that appear on the printer control panel.

Use

To

Hibernate Timeout on Connection

Do Not Hibernate

Hibernate

To set the printer to follow the setting of "Hibernate Timeout" even when an active Ethernet connection exists.

Notes:

If "Hibernate Timeout on Connection" is set to "Do Not Hibernate," then the printer never automatically hibernates.

Use

To

Collate

(1,1,1) (2,2,2)

(1,2,3) (1,2,3)

Print Settings



Use

To

Quality menu

Use

Use

To

Job Accounting Log

- Off
- On

Determine and set if the printer creates a log of the print jobs it receives.

Note:

XPS menu

Use	To
Print Error Pages Off On	Print a page containing information on errors, including XML markup errors. Note: Off is the factory default setting.

PDF menu

Use	To
Scale to Fit Yes No	-3.558268001nT229f ngq1 i PrT3hsliz2.nN62lte: Scale page

Use

To

g6.1(-13.6(s)) PC25891(TC)S1155-1.8366 TD-.0107 Td-9007-TW(TP)424(155105(TD)-008(8)Te80(TU)927(5(at)427.B(ie)-21in7(57)203(S)ri15102P8(2)(11

Lines per Page

1-255

Using Hibernate mode

Hibernate is an ultra low power operating mode. When operating in Hibernate mode, all other systems and devices are powered down safely.

Notes:

Make sure to wake the printer from Hibernate mode before sending a print job. A hard reset or a long press of the Sleep button wakes the printer from Hibernate mode.

If the printer is in Hibernate mode, then the Embedded Web Server is disabled.

Using the Embedded Web Server

1

Notes:

The printer is being removed from your premises for service.

The printer is being sold to another organization.

Disposing of a printer hard disk

Note: Some printer models may not have a printer hard disk installed.

In high

Erasing printer hard disk memory

Note: Some printer models may not have a printer hard disk installed.

Configuring Disk Wiping in the printer menus lets you remove residual confidential material left by print jobs by securely overwriting files that have been marked for deletion.

Using the printer control panel

- 1 Turn off the printer.

- 2

3 From the Disk Encryption menu, select

Emptying the hole punch box

- 1 Pull out the hole punch box.

Replacing supplies

Replacing the toner cartridge

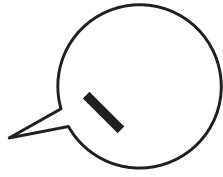
- 1 Lift the front cover, and then pull down the multipurpose feeder door.

4 Insert the toner cartridge into the printer by aligning the side rails of the cartridge with the arrows on the side rails inside the printer.

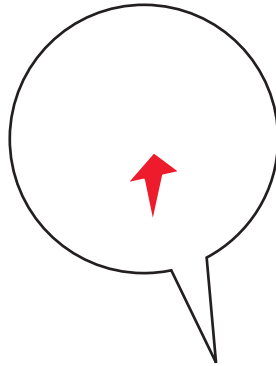
Note: Make sure the cartridge is fully pushed in.

Replacing the imaging unit

1



8 Close the multipurpose feeder door and the front cover.



If the printer does not have a caster base but is configured with optional trays, then remove the trays.

Note:

Moving the printer to another location

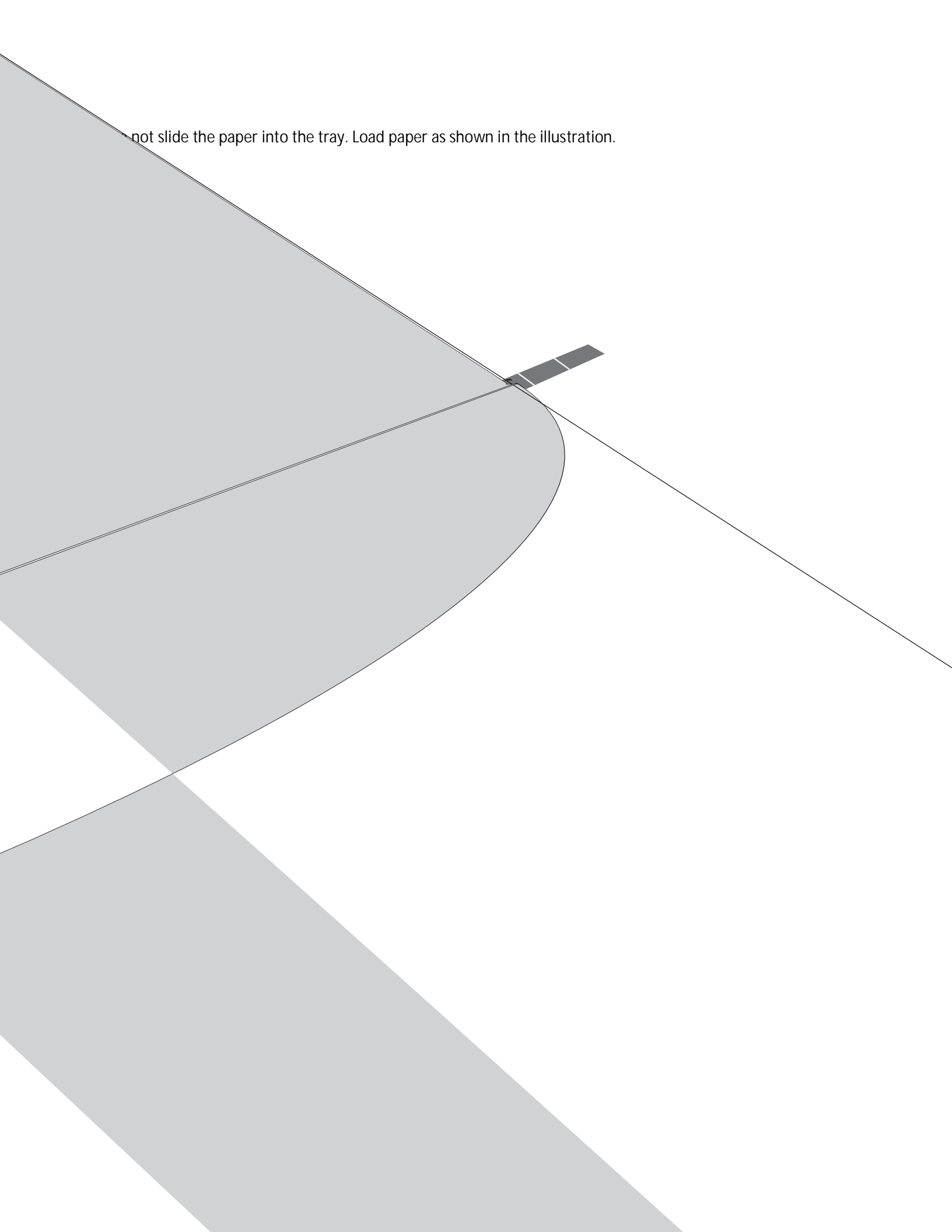


Clearing jams

Carefully select paper and specialty media and load them properly to avoid most jams. For more information, see “Avoiding jams” on page 152. If jams occur, then follow the steps outlined in this chapter.

Note:

Do not slide the paper into the tray. Load paper as shown in the illustration.



11

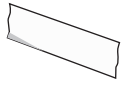
10

	Jam location	Printer message	What to do
10	Mailbox	[x] page jam, remove paper, open	

4 Lift the blue handle, and then pull the imaging unit out of the printer.



Notes:



1 Pull down the rear door.



[x] page jam, remove tray 1 to clear duplex. [235–239]

1 Pull out the tray completely.

Note: Lift the tray slightly and pull it out.



[x]

[x] page jam, clear manual feeder. [250]

- 1 From the multipurpose feeder, firmly grasp the jammed paper on each side, and then gently pull it out.

Note:

[x] page jam, remove paper, open mailbox rear door. Leave paper in bin. [41y.xx]

- 1 Open the rear mailbox door.



[x] page jam, remove paper, open expander rear door. Leave paper in bin. [43y.xx]

- 1 Open the rear door of the high capacity output expander.



[x] page jam, remove paper, open finisher rear door. Leave paper in bin. [451]

- 1 Open the rear staple finisher door.

4 Use the metal tab to lift the staple guard, and then remove any loose staples.




5 Press down the staple guard until it *clicks* into place.

6 Press the staples against the metal bracket.

Incompatible output bin [x] [59]

Do either of the following:


Remove the specified bin.

From the printer control panel, press  to clear the message and continue printing without using the specified bin.

Incompatible tray [x] [59]

Do either of the following:

Remove the specified tray.

From the printer control panel, press  to clear the message and continue printing without using the specified tray.

Install bin [x]

Try one or more of the following:

Install the specified bin:

- 1 Turn off the printer.

- 2

Load Manual Feeder with [custom type name] [orientation]

Try one or more of the following:

Maintenance kit very low [80.xy]

Not enough free space in fl

Reinstall missing or unresponsive cartridge [31.xy]

Try one or more of the following:

Check if the toner cartridge is missing. If missing, install the toner cartridge.

Remove paper from bin [x]

Replace missing fuser [31.xy]

Some held jobs were not restored

From the printer control panel, select **Continue**

USB port [x] disabled [56]

Try one or more of the following:

From the printer control panel, select **Continue** to clear the message and continue printing.

The printer discards any data received through the specified serial port.

Select **Reset active bin** to reset the active bin for a linked set of bins.

Make sure the USB Buffer menu is enabled.

Action



Action

Yes

Action

Yes

Paper frequently jams

Action	Yes	No
--------	-----	----

Step 1

- a Pull out the tray, and then do one or more of the following:

Make sure paper lies flat in the tray.

Error message about reading the flash drive appears



Job prints from the wrong tray or on the wrong paper



Action

Action	Yes	No
--------	-----	----

Step 4

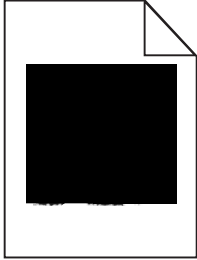
Action	Yes	No
--------	-----	----

Step 5

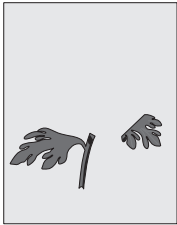
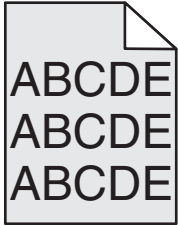
- a** Turn off the printer, then wait for about 10 seconds, and then turn the printer back on.
- b** Resend the print job.

Print quality problems

Characters have jagged or uneven edges



Gray background on prints



Action

Yes

Action	Yes	No
--------	-----	----

Action	Yes	No
--------	-----	----

Step 5

Contact _____

- a** Load paper from a fresh package.

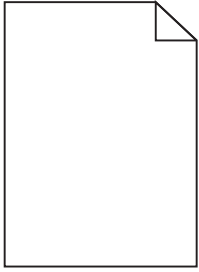
Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you use it.

- b** Resend the print job.

Is the paper still curled?

Action	Yes	No
--------	-----	----

Printer is printing blank pages



Action

Yes

No

Printer is printing solid black pages

Action	Yes	No
--------	-----	----

Step 2

- a** Replace the fuser if the distance between the defects is equal to either of the following:

- 94.25 mm (3.71 in.)

- 95.2 mm (3.75 in.)

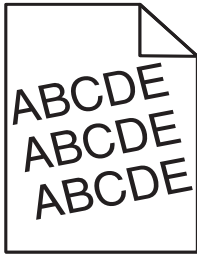
- b** Resend the print job.

Contact [technical support](#).

The problem is solved.

Do repeating defects still appear on prints?

Skewed print



Action	Yes	No
--------	-----	----

Step 3

a Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you use it.

b Resend the print job.

Do streaked horizontal lines appear on prints?

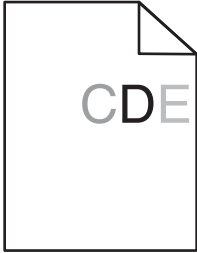
Action	Yes	No
--------	-----	----

Transparency print quality is poor

Action	Yes
--------	-----

Action	Yes	No
<p>Step 2 Replace the imaging unit, and then resend the print job.</p> <p>Did the toner fog or background shading disappear from the prints?</p>	The problem is solved.	Contact technical support .

Uneven print density



Action	Yes	No
--------	-----	----

Step 4

Action	Yes	No
--------	-----	----

Step 4



Warranty and Return Policy

Dell Inc. ("Dell") manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry standard practices. For information about the Dell warranty for your printer, refer to the *Product Information Guide*.



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